

Marinus J C Eijkemans

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

5,028
citations

172207

29
h-index

114278

63
g-index

70
all docs

70
docs citations

70
times ranked

8433
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic modelling with logistic regression analysis: a comparison of selection and estimation methods in small data sets. , 2000, 19, 1059-1079.		628
2	Prognostic Modeling with Logistic Regression Analysis. Medical Decision Making, 2001, 21, 45-56.	1.2	468
3	Endometrial thickness and pregnancy rates after IVF: a systematic review and meta-analysis. Human Reproduction Update, 2014, 20, 530-541.	5.2	402
4	Added value of ovarian reserve testing on patient characteristics in the prediction of ovarian response and ongoing pregnancy: an individual patient data approach. Human Reproduction Update, 2013, 19, 26-36.	5.2	372
5	Sample size for binary logistic prediction models: Beyond events per variable criteria. Statistical Methods in Medical Research, 2019, 28, 2455-2474.	0.7	296
6	No rationale for 1 variable per 10 events criterion for binary logistic regression analysis. BMC Medical Research Methodology, 2016, 16, 163.	1.4	281
7	Maturation of the Infant Respiratory Microbiota, Environmental Drivers, and Health Consequences. A Prospective Cohort Study. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1582-1590.	2.5	237
8	Making sense of big data in health research: Towards an EU action plan. Genome Medicine, 2016, 8, 71.	3.6	190
9	Race/Ethnic Differences in the Associations of the Framingham Risk Factors with Carotid IMT and Cardiovascular Events. PLoS ONE, 2015, 10, e0132321.	1.1	141
10	An endometrial gene expression signature accurately predicts recurrent implantation failure after IVF. Scientific Reports, 2016, 6, 19411.	1.6	141
11	Amisulpride and olanzapine followed by open-label treatment with clozapine in first-episode schizophrenia and schizophreniform disorder (OPTIMISE): a three-phase switching study. Lancet Psychiatry, 2018, 5, 797-807.	3.7	141
12	Hysteroscopy before in-vitro fertilisation (inSIGHT): a multicentre, randomised controlled trial. Lancet, 2016, 387, 2622-2629.	6.3	114
13	Individualized versus standard FSH dosing in women starting IVF/ICSI: an RCT. Part 1: The predicted poor responder. Human Reproduction, 2017, 32, 2496-2505.	0.4	108
14	Individualized versus standard FSH dosing in women starting IVF/ICSI: an RCT. Part 2: The predicted hyper responder. Human Reproduction, 2017, 32, 2506-2514.	0.4	80
15	Individualized FSH dosing based on ovarian reserve testing in women starting IVF/ICSI: a multicentre trial and cost-effectiveness analysis. Human Reproduction, 2017, 32, 2485-2495.	0.4	70
16	Sample size considerations and predictive performance of multinomial logistic prediction models. Statistics in Medicine, 2019, 38, 1601-1619.	0.8	70
17	Cumulative live birth rates in low-prognosis women. Human Reproduction, 2019, 34, 1030-1041.	0.4	64
18	Prognostic value of circulating microRNAs on heart failure-related morbidity and mortality in two large diverse cohorts of general heart failure patients. European Journal of Heart Failure, 2018, 20, 67-75.	2.9	63

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19	Monitoring disease progression with plasma creatinine in amyotrophic lateral sclerosis clinical trials. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 156-161.	0.9	62
20	Anti-Müllerian Hormone Trajectories Are Associated With Cardiovascular Disease in Women. <i>Circulation</i> , 2017, 135, 556-565.	1.6	54
21	Randomized Controlled Trials With Time-to-Event Outcomes: How Much Does Prespecified Covariate Adjustment Increase Power?. <i>Annals of Epidemiology</i> , 2006, 16, 41-48.	0.9	52
22	Cardiometabolic health in offspring of women with PCOS compared to healthy controls: a systematic review and individual participant data meta-analysis. <i>Human Reproduction Update</i> , 2020, 26, 104-118.	5.2	51
23	Individual participant data meta-analysis of intervention studies with time-to-event outcomes: A review of the methodology and an applied example. <i>Research Synthesis Methods</i> , 2020, 11, 148-168.	4.2	46
24	The OPTIMIST study: optimisation of cost effectiveness through individualised FSH stimulation dosages for IVF treatment. A randomised controlled trial. <i>BMC Women's Health</i> , 2012, 12, 29.	0.8	45
25	Accelerometry for remote monitoring of physical activity in amyotrophic lateral sclerosis: a longitudinal cohort study. <i>Journal of Neurology</i> , 2019, 266, 2387-2395.	1.8	39
26	Added value of anti-Müllerian hormone in prediction of menopause: results from a large prospective cohort study. <i>Human Reproduction</i> , 2015, 30, 1974-1981.	0.4	38
27	Recurrent pre-clinical pregnancy loss is unlikely to be a 'cause' of unexplained infertility. <i>Human Reproduction</i> , 2011, 26, 2636-2641.	0.4	35
28	Uterine electromyography for identification of first-stage labor arrest in term nulliparous women with spontaneous onset of labor. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 209, 232.e1-232.e8.	0.7	35
29	Transcriptome assists prognosis of disease severity in respiratory syncytial virus infected infants. <i>Scientific Reports</i> , 2016, 6, 36603.	1.6	35
30	Pre-Conception Characteristics Predict Obstetrical and Neonatal Outcomes in Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 809-818.	1.8	34
31	Can Menopause Prediction Be Improved With Multiple AMH Measurements? Results From the Prospective Doetinchem Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5024-5031.	1.8	33
32	Outcome of isolated gastroschisis; an international study, systematic review and meta-analysis. <i>Early Human Development</i> , 2016, 103, 209-218.	0.8	32
33	An old friend who has overstayed their welcome: the ALSFRS-R total score as primary endpoint for ALS clinical trials. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021, 22, 300-307.	1.1	30
34	Clarifying the benefits of the positive reappraisal coping intervention for women waiting for the outcome of IVF. <i>Human Reproduction</i> , 2014, 29, 2712-2718.	0.4	29
35	Comparing methods to combine functional loss and mortality in clinical trials for amyotrophic lateral sclerosis. <i>Clinical Epidemiology</i> , 2018, Volume 10, 333-341.	1.5	29
36	Insulin action in women with polycystic ovary syndrome and its relation to gestational diabetes. <i>Human Reproduction</i> , 2015, 30, 1447-1453.	0.4	27

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37	Fluctuations in anti-AMH/Allerian hormone levels throughout the menstrual cycle parallel fluctuations in the antral follicle count: a cohort study. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2016, 95, 820-828.	1.3	27
38	Cardiovascular and Metabolic Health of 74 Children From Women Previously Diagnosed With Polycystic Ovary Syndrome in Comparison With a Population-Based Reference Cohort. <i>Reproductive Sciences</i> , 2018, 25, 1492-1500.	1.1	27
39	A framework for assessing neuropsychiatric phenotypes by using smartphone-based location data. <i>Translational Psychiatry</i> , 2020, 10, 211.	2.4	27
40	Individualized ovarian stimulation in IVF/ICSI treatment: it is time to stop using high FSH doses in predicted low responders. <i>Human Reproduction</i> , 2020, 35, 1954-1963.	0.4	22
41	The cardiovascular risk profile of middle age women previously diagnosed with premature ovarian insufficiency: A case-control study. <i>PLoS ONE</i> , 2020, 15, e0229576.	1.1	21
42	Cost effectiveness of ovarian reserve testing in in vitro fertilization: a Markov decision-analytic model. <i>Fertility and Sterility</i> , 2011, 96, 889-894.e2.	0.5	20
43	The impact of diagnostic criteria on the reproducibility of the hysteroscopic diagnosis of the septate uterus: a randomized controlled trial. <i>Human Reproduction</i> , 2015, 30, 1323-1330.	0.4	20
44	Developing more generalizable prediction models from pooled studies and large clustered data sets. <i>Statistics in Medicine</i> , 2021, 40, 3533-3559.	0.8	20
45	The influence of life events on first and recurrent admissions in bipolar disorder. <i>International Journal of Bipolar Disorders</i> , 2015, 3, 6.	0.8	19
46	Host Proteome Correlates of Vaccine-Mediated Enhanced Disease in a Mouse Model of Respiratory Syncytial Virus Infection. <i>Journal of Virology</i> , 2015, 89, 5022-5031.	1.5	18
47	Ovarian response to controlled ovarian hyperstimulation: what does serum FSH say?. <i>Human Reproduction</i> , 2017, 32, 1701-1709.	0.4	18
48	Predictors of mortality in hospital survivors with type 2 diabetes mellitus and acute coronary syndromes. <i>Diabetes and Vascular Disease Research</i> , 2018, 15, 14-23.	0.9	18
49	Coronary artery calcification in middle-aged women with premature ovarian insufficiency. <i>Clinical Endocrinology</i> , 2019, 91, 314-322.	1.2	18
50	Factors affecting the accuracy of a class prediction model in gene expression data. <i>BMC Bioinformatics</i> , 2015, 16, 199.	1.2	15
51	Individualized follicle-stimulating hormone dosing and in vitro fertilization outcome in agonist downregulated cycles: a systematic review. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2016, 95, 1333-1344.	1.3	15
52	Do female age and body weight modify the effect of individualized <sc>FSH</sc> dosing in <sc>IVF</sc>/<sc>ICSI</sc> treatment? A secondary analysis of the <sc>OPTIMIST</sc> trial. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2019, 98, 1332-1340.	1.3	14
53	Pharmacogenetic interactions in amyotrophic lateral sclerosis: a step closer to a cure?. <i>Pharmacogenomics Journal</i> , 2020, 20, 220-226.	0.9	14
54	Systematic review of statistical methods for safety data in malaria chemoprevention in pregnancy trials. <i>Malaria Journal</i> , 2020, 19, 119.	0.8	12

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55	Evaluation of Gene Expression Classification Studies: Factors Associated with Classification Performance. PLoS ONE, 2014, 9, e96063.	1.1	12
56	High Reproducibility of Histological Characterization by Whole Virtual Slide Quantification; An Example Using Carotid Plaque Specimens. PLoS ONE, 2014, 9, e115907.	1.1	11
57	Generalizability of randomized controlled trials in heart failure with reduced ejection fraction. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 761-769.	1.8	11
58	Effect of disease related biases on the subjective assessment of social functioning in Alzheimer's disease and schizophrenia patients. Journal of Psychiatric Research, 2022, 145, 302-308.	1.5	9
59	Prognostic modelling with logistic regression analysis: a comparison of selection and estimation methods in small data sets. Statistics in Medicine, 2000, 19, 1059-1079.	0.8	7
60	Low fertility and the risk of type 2 diabetes in women. Human Reproduction, 2011, 26, 3472-3478.	0.4	6
61	Exploring homogeneity of correlation structures of gene expression datasets within and between etiological disease categories. Statistical Applications in Genetics and Molecular Biology, 2014, 13, 717-32.	0.2	6
62	Rule-Based Information Extraction from Free-Text Pathology Reports Reveals Trends in South African Female Breast Cancer Molecular Subtypes and Ki67 Expression. BioMed Research International, 2022, 2022, 1-17.	0.9	6
63	An Application of Sequential Meta-Analysis to Gene Expression Studies. Cancer Informatics, 2015, 14s5, CIN.S27718.	0.9	4
64	Meta-analysis approach as a gene selection method in class prediction: does it improve model performance? A case study in acute myeloid leukemia. BMC Bioinformatics, 2017, 18, 210.	1.2	4
65	Implications of spirometric reference values for amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2019, 20, 473-480.	1.1	4
66	Identification of first-stage labor arrest by electromyography in term nulliparous women after induction of labor. Acta Obstetrica Et Gynecologica Scandinavica, 2017, 96, 868-876.	1.3	3
67	A comparison of the beta-geometric model with landmarking for dynamic prediction of time to pregnancy. Biometrical Journal, 2020, 62, 175-190.	0.6	2
68	Individual treatment effect estimation in the presence of unobserved confounding using proxies: a cohort study in stage III non-small cell lung cancer. Scientific Reports, 2022, 12, 5848.	1.6	2
69	Comparison of statistical methods for the analysis of recurrent adverse events in the presence of non-proportional hazards and unobserved heterogeneity: a simulation study. BMC Medical Research Methodology, 2022, 22, 24.	1.4	0